

Amendment under 37 C.F.R. § 1.116
U.S. Application No.: 09/676,490

Attorney Docket No.: Q61047

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:—

LISTING OF CLAIMS:

1-2. (canceled).

3. (Currently Amended) ~~An image processing apparatus according to claim 1,~~
comprising:

a storage device which stores input image data in a first area;

a refuging device which stores, in a second area of the storage device, sample image data
produced from the input image data that has been stored in the first area;

a pseudo display device which outputs, to a display, pseudo image data obtained by
performing a number of different processes for filtering the sample image data stored in the
second area;

a parameter registration device which stores, in a third area of the storage device,
parameters that are to be referred to for each kind of process that is performed for filtering the
sample image data in the second area; and

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a filtering device which, while referring to the parameters in the third area, performs, in a predetermined order, a number of different processes for filtering the input image data in the first area to obtain image data for output,

wherein, for the input image data stored in the first area, the filtering device performs, in the named order, a tone curve correction process for an RGB model, a saturation correction process for an HSB model, and a spatial filtering correction process.

4. (Original) An image processing apparatus according to claim 3, wherein the pseudo display device performs the number of different processes, in the same order as having been employed for the processes performed in the first area for the input image data, to filter the sample image data in the second area.

5. (Original) An image processing apparatus according to claim 4, wherein the refuting device generates the sample image data by reducing a size of the input image data stored in the first area, and stores the sample image data in the second area of the storage device.

6-7. (Canceled)

8. (Currently Amended) An image processing method ~~according to claims 6, comprising:~~

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storing, in a second area of a storage device, sample image data produced from input image data that has been stored in a first area of the storage device;

outputting, to a display, pseudo image data processes for filtering the sample image data stored in the second area;

storing, in a third area of the storage device, parameters that are to be referred to for each kind of process that is performed for filtering the sample image data in the second area;

and

performing, while referring to the parameters in the third area, in a predetermined order, a number of different processes for filtering the input image data in the first area to obtain image data for output.

wherein corrective filtering for the input image data in the first area is performed in order in consonance with the sequential arrangement of tone curve correction for an RGB model, saturation correction for an HSB model in the input image data, and spatial information correction.

9. (Original) An image processing method according to claim 8, wherein the number of different processes are performed for filtering the sample image data in the second area in the same order as that used for the processes performed for filtering the input image data in the first area.

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10. (Original) An image processing method according to claim 9, wherein the sample image data is generated by reducing a size of the input image data in the first area and storing the resultant data in the second area of the storage device.

11. (Canceled)

13. (Currently Amended) A computer readable medium ~~according to claim 11, having~~ recorded thereon a processing program for permitting performance of a computer, the processing program comprising:

a storage processing routine for storing, in a second area of a storage device, sample image data produced from input image data that has been stored in a first area of the storage device;

a pseudo display processing routine for outputting, to a display, pseudo image data a parameter registration processing routine for storing, in a third area of the storage device, parameters that are to be referred to for each kind of process that is performed for filtering the sample image data in the second area; and

a filtering processing routine for, while referring to the parameters in the third area, performing, in a predetermined order, a number of different processes for filtering the input image data in the first area to obtain image data for output.

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wherein corrective filtering for the input image data in the first area is performed in order in consonance with the sequential arrangement of tone curve correction for an RGB model, saturation correction for an HSB model in the input image data, and spatial information correction.

14. (Original) A computer readable medium according to claim 13, wherein the number of different processes are performed for filtering the sample image data in the second area in the same order as that used for the processes performed for filtering the input image data in the first area.

15. (Original) A computer readable medium according to claim 14, wherein the sample image data is generated by reducing a size of the input image data in the first area and storing the resultant data in the second area of the storage device.

16. (Canceled)